G M   8 0 6

R E L E A S E   N O T E S

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1. Installation

The PCB is supplied configured for use as a single bus master in an 80-bus system. The following link positions are set:

    JP5   Link pins 2 and 3
    JP9   Made
    JP11   NORTH (for 2764 EPROM)
    JP12   Made
    JP13   Made
    JP14   WEST
    JP15   EAST

When fitted to a Gemini system with the following features it should be able to boot MS DOS from an 80-track floppy in drive A: (MS DOS in 40 track format as double stepping is selected).

    GM806
    One floppy drive selected as 0
    SVC display controller
    GM829 or GM829A SASI interface
    optional second floppy selected as 1
    optional hard disc
    "Rotec" keyboard.

With this simple system the order in which cards are fitted within the rack is not critical.

2. Utility software

Please note that the following utilities are provided:

TEAC.COM   - selects 3millisecond step and double stepping.
TRK00.COM   - selects 3 ms. step and single stepping.
FCROTKEY.COM   - reconfigures   the   function keys   on   a   Rotec
                      keyboard to be IBM compatible.
FCHD.COM   Hard   format   for   C: to   give   a   full   DOS
                    winchester.
FCASDOS.COM   Hard   format   for   C: partition of Gemini CPM
                    winchester.
RAMDRIVE.SYS   - RAM disc drive device driver.
GM886CLK.SYS   - Device driver for real time clock.
CONFIG.SMP   - Sample configuration file for MS-DOS

The   device   drivers   should be installed as shown in   the   sample
configuration   file "CONFIG.SMP".   Consult the MS-DOS Users Guide
for further details of the RAMDRIVE options.

3. Known hardware problems

a.   A   modified PAL and a track link are required if the 80287 is
used with this product. Please contact Gemini for details.

b.   Occasionally a GM886 may not reset correctly with the reset
button. Power down and retry.

c.   The   current IO select PAL does not page an "IBM compatible"
memory map. The lowest address which may be paged is 0E0000H.
This is to be changed shortly.